



Product information

**0985 342 100/...M - 0985 342 100/1 M
69873**

Name		0985 342 100/...M
		
		Cord set, double-ended, M12-M12, Industrial Ethernet Data cable according to ProfiNet type C, molded on both sides with M12 male connectors, D coded according to IEC 61076-2-101, 4 poles, PUR jacket, halogen-free, shielded, green, 1 meter.
Delivery informations		
Availability		available
Product description		
Type		0985 342 100/1 M
Order No.		69873
Description		Cord set, double-ended, M12-M12, Industrial Ethernet Data cable according to ProfiNet type C, molded on both sides with M12 male connectors, D coded according to IEC 61076-2-101, 4 poles, PUR jacket, halogen-free, shielded, green, 1 meter.
Note		The application of these products in harsh environments should always be checked before use.
Color of housing		black
Number of contacts		4
Product characteristics		Oil resistance
Classification		
Belden class		Industrial Ethernet Data Cables
Belden brand		Lumberg-Automation
Mechanical data		
Type of plug-in contact		Male connector
Type of plug-in contact, side 2		Male connector
Design of housing		straight
Design of housing, side 2		straight
Thread		M12
Coding of the M12 round plug connector		D
Environmental conditions		
Environmental temperature		-25 °C ... 80 °C
Environmental temperature (explanation)		Derating to be observed
Degree of protection (IP), mounted		IP67
Pollution degree		3
Materials		
Housing material / Molded body		TPU
Contact bearer material		TPU
Contact material		CuSn
Contact material - Surface refinement		gold-plated
Knurled screw / nut material		CuZn, nickel-plated
Shield sleeve material		CuZn, tined
Approvals		
RoHS 2002/95/EG compliant		yes
Electrical data		
Contact resistance		≤ 5 mΩ
Rated current In		4 A at 40°C, Derating to be observed
Nominal voltage		60 V
Rated voltage		250 V
Test voltage		2.5 kV eff./60 s
Insulation resistance		> 1 GΩ



Cable	
Cable length	1 m
Cable number	342
Cable description	Bus cable Industrial Ethernet, ProfiNet type C standard
Color of jacket	green
Material of outer jacket	PUR
Without halogens as in EN 50267-2-3	✓
shielded	✓
welding spark proof	✗
Outer diameter of the cable	6.2 mm
Number of conductors	4
Cable design	4 x 0.38 mm ² (AWG 22)
Conductor design	19 x Ø 0.16 mm

Picture

Drawing

